AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (cancelled).

2. (cancelled).

3. (currently amended): A network-based design service system, comprising:

a design database server on which a design database, containing information on sample circuits, is stored;

a designer terminal, connected to the design database server via a network, the designer terminal comprising inputting means with which a designer can search the design database and design a device; and

an account terminal which transfers a payment for utilizing the design database from a bank account of the, and which ~~The network-based design service system as set forth in claim 1, wherein~~

~~said account terminal further~~ transfers an employment fee from a bank account of a parts vendor to the bank account of the designer upon employment of a part by the designer.

4. (cancelled).

means for notifying at least one other designer terminal if a problem is found in a sample

circuit during the design process for the device.

5. (currently amended): The network-based design service system as set forth in claim

~~1~~3, further comprising:

means for conducting a price simulation for meeting a target price of the device and

means for conducting a noise simulation for achieving a required noise proof performance.

6. (currently amended) The network-based design service system as set forth in claim

~~1~~3, further comprising:

means for notifying at least one other designer terminal if a problem is found in a sample

circuit-during the design process for ~~a~~ the device; and

means for conducting a price simulation for meeting a target price of the device and

means for conducting noise simulation for achieving a required noise proof performance.

7. (cancelled).

8. (cancelled).

9. (currently amended) A network-based design method comprising:

storing information on sample circuits in a design database, via a network;

searching said design database;

designing a device using sample circuits from the design database; and

making a payment for utilizing the design database from a bank account of a

designer; ~~The network-based design method as set forth in claim 7,~~

wherein the sample circuits include parts sold by a parts vendor; and

wherein the method further comprises paying an employment fee from a bank account of

the parts vendor to the bank account of the designer upon employment of a part by the designer.

10. (cancelled).

11. (currently amended): The network-based design method as set forth in claim ~~7~~9,

wherein designing the device comprises:

conducting a price simulation for meeting a target price of the device;

conducting a noise simulation for achieving a required noise proof performance; and

designing the device based on a result of the price simulation and a result of the noise

simulation.

12. (currently amended): The network-based design method as set forth in claim 9~~7~~,

further comprising:

notifying at least one designer terminal if a problem is found in a sample circuit during

the designing the device; and

wherein designing the device comprises:

conducting a price simulation for meeting a target price of the device;

conducting a noise simulation for achieving a required noise proof performance; and

designing the device based on a result of the price simulation and a result of the noise simulation.

13. (withdrawn): A network-based design service system, comprising:

means for storing, via a network, a design database containing information on sample circuits; and

means for a designer to search said design database via the network and to conduct the design of a device utilizing the sample circuits.

14. (withdrawn): The network-based design service system as set forth in claim 13, wherein

the means for the designer to search said design database comprises means for the designer to access the design database via a webpage.

15. (withdrawn): The network-based design service system as set forth in claim 13, further comprising:

means for the designer to determine if there is a problem is in a sample circuit; and

means for notifying at least one designer terminal of a problem found in a sample circuit.

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16. (withdrawn): The network-based design service system as set forth in claim 13,

further comprising:

means for conducting a price simulation for meeting a target price of the designed device;

means for conducting a noise simulation for achieving a required noise proof

performance of the designed device.

17. (withdrawn): The network-based design service system as set forth in claim 13,

further comprising:

means for the designer to determine if there is a problem is in a sample circuit;

means for notifying at least one designer terminal of a problem found in a sample circuit;

means for conducting a price simulation for meeting a target price of the designed device;

and

means for conducting a noise simulation for achieving a required noise proof

performance of the designed device.

18. (currently amended): The network-based design service system as set forth in claim

~~13~~, wherein the design database further comprises information on an anti-noise circuit.

19. through 21. (cancelled).

22. (currently amended): The network-based design method as set forth in claim ~~7~~9,

wherein storing information further comprises storing information on an anti-noise circuit in the

design database.

23. (cancelled).

24. (cancelled).

25. (withdrawn): The network-based design service system as set forth in claim 13,

wherein the design database further comprises information on an anti-noise circuit.

26. (withdrawn): The network-based design service system as set forth in claim 13,

wherein the design database further comprises information on parts of the sample circuits and

information on vendors that supply the parts.

27. (withdrawn): The network-based design service system as set forth in claim 13,

wherein the information on sample circuits is registered by a parts vendor.